

SEPA ENVIRONMENTAL CHECKLIST

Purpose of checklist:

Governmental agencies use this checklist to help determine whether the environmental impacts of your proposal are significant. This information is also helpful to determine if available avoidance, minimization or compensatory mitigation measures will address the probable significant impacts or if an environmental impact statement will be prepared to further analyze the proposal.

Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Please answer each question accurately and carefully, to the best of your knowledge. You may need to consult with an agency specialist or private consultant for some questions. You may use "not applicable" or "does not apply" only when you can explain why it does not apply and not when the answer is unknown. You may also attach or incorporate by reference additional studies reports. Complete and accurate answers to these questions often avoid delays with the SEPA process as well as later in the decision-making process.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Instructions for Lead Agencies:

Please adjust the format of this template as needed. Additional information may be necessary to evaluate the existing environment, all interrelated aspects of the proposal and an analysis of adverse impacts. The checklist is considered the first but not necessarily the only source of information needed to make an adequate threshold determination. Once a threshold determination is made, the lead agency is responsible for the completeness and accuracy of the checklist and other supporting documents.

Use of checklist for nonproject proposals:

For nonproject proposals (such as ordinances, regulations, plans and programs), complete the applicable parts of sections A and B plus the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D). Please completely answer all questions that apply and note that the words "project," "applicant," and "property or site" should be read as "proposal," "proponent," and "affected geographic area," respectively. The lead agency may exclude (for non-projects) questions in Part B - Environmental Elements –that do not contribute meaningfully to the analysis of the proposal.

A. Background

1. Name of proposed project, if applicable: *Flowing Lake County Park Entry Redesign*
2. Name of applicant: *Snohomish County Department of Parks, Recreation and Tourism*
3. Address and phone number of applicant and contact person:

*Contact Person:
Otak Inc, Keith Bates
11241 Willows Rd #200
Redmond, WA 98052
(425) 822-4446*

*Applicant:
Snohomish County Parks, Recreation and
Tourism
6705 Puget Park Dr
Snohomish, WA 98296
(425) 388-6600*

4. Date checklist prepared: *February 28, 2019*
5. Agency requesting checklist: *Snohomish County - Parks and Recreation*
6. Proposed timing or schedule (including phasing, if applicable):

As soon as all permits are received, construction will follow and it intended to occur after the peak camping season.
7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.

No
8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

Critical Areas Study, Buffer Mitigation Plan and Habitat Management Plan by Wetland Resources, Inc. Nov. 2016.
9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.

The project is proposed to be partially funded by Land and Water Conservation Fund via the U.S. National Park Service.
10. List any government approvals or permits that will be needed for your proposal, if known.

*Snohomish County Commercial Building Permit
Snohomish County – Land Disturbing Activity (LDA) permit
Department of Ecology – Construction Stormwater General Permit
Snohomish County SEPA Determination
Snohomish County Onsite Sewage Disposal System Approval - approval received from health district*

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

The purpose of the proposed project is to re-construct the existing entrance to Flowing Lake County Park. The project includes ADA-accessible vehicular and pedestrian circulation improvements within the park, a new 1-story (1,040 SF) ranger station, and associated septic and stormwater improvements. The project also includes widening along a portion of 48th Street SE as it approaches the park entrance to promote flow of vehicles into the park; reducing existing backups and improving vehicle access to adjacent properties.

The redevelopment of the park entrance will include removal of existing pavement, limited clearing of vegetation, grading, widening the entrance road to the park, and construction of new access roads for circulation within the park entrance.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

17900 48th Street SE, Snohomish, WA 98290. The property is situated within ¼ SW, Section 36, Township 29, Range 06 at Lat: 47.953578, Long: -121.988623. Parcel #29063600200800

B. Environmental Elements

1. Earth

- a. General description of the site:

Flat, rolling, hilly, steep slopes, mountainous, other _____

The area where construction will occur is fairly flat, sloping from the northwest to the southeast.

- b. What is the steepest slope on the site (approximate percent slope)?

14%

- c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils.

Soils in the project area are mapped as Tokul gravelly medial loam.

- d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.

None known

- e. Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill.

Total area of site grading is approx. 52,900 sqft or 1.22 Acres

Total cut volume is approx. 1,450 CUyd

Total fill volume is approx. 550 CUyd

If suitable, excavation material may serve as fill material. Source of fill will be determined by the selected contractor upon approval by owner.

- f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.

Erosion could occur as a result of earth disturbance during construction. TESC plans will be implemented to prevent erosion.

- g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?

Of the total construction project area (52,900 sqft), approximately 64% of the project area (34,100 sqft) will be pollution-generating impervious surfaces. Of that 34,100 sqft, 40% (13,500 sqft) will be new impervious surface coverage, and 60% (20,600 sqft) is replaced impervious surface coverage. There is an additional 7,900 sqft of pavement overlay/maintenance area on 48th Street which is not included in the above pollution-generating impervious surface calculations because it does not trigger stormwater treatment requirements.

- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

TESC plans and BMPs will be implemented during construction to prevent erosion. BMPs include straw wattles, covering exposed soils, catchbasin inserts, and truck wash pits.

2. Air

- a. What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known.

Minor engine exhaust from construction equipment during the circulation improvements and building construction. Vehicle exhaust from park visitors will continue to be emitted, but is not anticipated to increase as a result of the proposal.

- b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.

None known.

- c. Proposed measures to reduce or control emissions or other impacts to air, if any:

All construction equipment to be maintained in good running order to prevent excessive exhaust emissions.

3. Water

a. Surface Water:

- 1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

Yes, Flowing Lake drains to Panther Lake and eventually to the Pilchuck River. Wetlands are existing within the County Park.

- 2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.

Work will occur to within 200 feet of Wetland "E" but will not impact the wetland or wetland buffer. No work will occur within 200 feet of Flowing Lake.

- 3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

None.

- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.

No.

- 5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.

Project is not within the 100-year floodplain.

- 6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

No.

b. Ground Water:

- 1) Will groundwater be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well. Will water be discharged to groundwater? Give general description, purpose, and approximate quantities if known.

No. Domestic water is supplied by Three Lakes Water District.

- 2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals. . . ; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

Domestic sewage from the newly constructed ranger station will be held in two septic system vaults located west of the structure. The pump chamber is a single compartment tank with a capacity of 1,000 gallons. The septic tank consists of two compartments and also has a capacity of 1,000 gallons. The project proposal has already received permit approval from the Snohomish County Health District.

c. Water runoff (including stormwater):

- 1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

Flow from the new and replaced impervious areas will be directed to the runoff treatment and detention facilities, which eventually discharged into Flowing Lake.

- 2) Could waste materials enter ground or surface waters? If so, generally describe.

No.

- 3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.

No.

d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any:

Stormwater detention facilities will be designed to match the developed flow durations to the pre-developed durations.

4. Plants

a. Check the types of vegetation found on the site:

- ☒ deciduous tree: alder, maple, aspen, other
☒ evergreen tree: fir, cedar, pine, other
☒ shrubs
☒ grass
☐ pasture
☐ crop or grain
☐ Orchards, vineyards or other permanent crops.
☐ wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
☐ water plants: water lily, eelgrass, milfoil, other
☐ other types of vegetation

- b. What kind and amount of vegetation will be removed or altered?

Tree and ground cover vegetation removal is proposed.

- c. List threatened and endangered species known to be on or near the site.

None known.

- d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:

Proposed landscaping consists of native plants. Site and roadway improvements were designed to protect existing on-site vegetation when possible.

- e. List all noxious weeds and invasive species known to be on or near the site.

English Ivy

5. Animals

- a. List any birds and other animals which have been observed on or near the site or are known to be on or near the site.

birds: hawk, heron, eagle, **songbirds**, other:

mammals: **deer**, bear, elk, beaver, other: **Squirrel, rabbit**

fish: **bass, salmon, trout**, herring, shellfish, other _____

- b. List any threatened and endangered species known to be on or near the site.

IPaC notes the following species potentially in the area but there are no critical habitats within this project area.

Oregon Spotted Frog (Rana pretiosa)

Marbled murrelet (Brachyramphus marmoratus)

Streaked Horned Lark (Eremophila alpestris strigata)

Yellow-Billed Cuckoo (Coccyzus Americanus)

Bull Trout (Salvelinus confluentus)

Canada Lynx (Lynx Canadensis)

Gray Wolf (Canis Lupus)

Grizzly Bear (Ursis arctos horribilis)

- c. Is the site part of a migration route? If so, explain.

The region is part of the Pacific Flyway, a migratory route for birds.

- d. Proposed measures to preserve or enhance wildlife, if any:

None proposed.

- e. List any invasive animal species known to be on or near the site.

None known.

6. Energy and Natural Resources

- a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.

Existing PUD power located at the site will be used for powering the ranger station electrical, heating, and on demand water system.

- b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.

The proposed project would not affect the potential use of solar energy by adjacent properties.

- c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:

Energy efficient fixtures will be used including lighting and on-demand water heating systems.

7. Environmental Health

- a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe.

None known on the site.

- 1) Describe any known or possible contamination at the site from present or past uses.

None known.

- 2) Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity.

None known.

- 3) Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project.

None.

- 4) Describe special emergency services that might be required.

None required.

- 5) Proposed measures to reduce or control environmental health hazards, if any:

None proposed.

b. Noise

- 1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?

Project will not be affected by noise from the area.

- 2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.

Noise from construction will occur during typical daytime construction hours.

- 3) Proposed measures to reduce or control noise impacts, if any:

All construction work will abide by Chapter 10.1 of the Snohomish County Code concerning noise control.

8. Land and Shoreline Use

- a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe.

The current use of the site is a county park. Adjacent properties outside of the park boundary and on Flowing Lake are residential uses. No changes in use or traffic volume are anticipated with the proposal.

- b. Has the project site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses as a result of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use?

Site has not been used as working farmlands or working forest lands.

- 1) Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how?

No, the proposal will not affect or be affected by surrounding farm or forest land operations.

- c. Describe any structures on the site.

There is an existing ranger station, ticket booth, maintenance buildings, and cabins.

- d. Will any structures be demolished? If so, what?

No. The existing fee station will be relocated.

- e. What is the current zoning classification of the site?

R-5 (Rural 5-Acre)

- f. What is the current comprehensive plan designation of the site?

Rural Residential-5

- g. If applicable, what is the current shoreline master program designation of the site?

None.

- h. Has any part of the site been classified as a critical area by the city or county? If so, specify.

In association with another project, a CASP was developed by Harmsen & Associates in February 2017 for Snohomish County Parks.

- i. Approximately how many people would reside or work in the completed project?

Approximately 10 Park Rangers and other park staff might be working at the park at any one time. These people would be rotating through the ranger station and likely not all in the station at the same time.

- j. Approximately how many people would the completed project displace?

None – this is a county park.

- k. Proposed measures to avoid or reduce displacement impacts, if any:

None.

- l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:

None proposed.

- m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any:

None proposed.

9. Housing

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.

None – this is a county park.

- b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.

None – this is a county park.

- c. Proposed measures to reduce or control housing impacts, if any:

None proposed.

10. Aesthetics

- a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?

The height of the proposed ranger station is approx. 15' – 8 1/8". Principal exterior building material is painted plank siding.

- b. What views in the immediate vicinity would be altered or obstructed?

No views in the immediate vicinity would be altered or disturbed.

- c. Proposed measures to reduce or control aesthetic impacts, if any:

None proposed.

11. Light and Glare

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur?

Exterior lights will be affixed to the ranger station for the kiosk and ticket fee stations and would be used in low-light conditions for visibility and security.

- b. Could light or glare from the finished project be a safety hazard or interfere with views?

No expected safety hazard from light or glare.

- c. What existing off-site sources of light or glare may affect your proposal?

There are no existing off-site sources of light or glare that may affect the proposal.

- d. Proposed measures to reduce or control light and glare impacts, if any:

Proposed lights will be down-shielded to prevent any light spillover.

12. Recreation

- a. What designated and informal recreational opportunities are in the immediate vicinity?

The project location is a public park with many recreational opportunities. In addition to passive, informal recreation opportunities, the park has facilities for boating (motorized), swimming, water skiing and fishing.

- b. Would the proposed project displace any existing recreational uses? If so, describe.

No, the proposed project will not displace any existing recreational uses.

- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

None proposed.

13. Historic and cultural preservation

- a. Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers ? If so, specifically describe.

No buildings, structures or sites located on or near that site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers.

- b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources.

Site is within the predictive model per WISAARD.

- c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc.

A review of the County's DAHP database was conducted and no sites of concern were identified.

- d. Proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources. Please include plans for the above and any permits that may be required.

Follow inadvertent discovery procedures as described within chapter 30.32D SCC

14. Transportation

- a. Identify public streets and highways serving the site or affected geographic area and describe proposed access to the existing street system. Show on site plans, if any.

48th St SE provides access to Flowing Lake State Park. Nearest major cross street is 171st Ave SE.

- b. Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop?

No, the site and affected geographic area is not currently served by public transit. The closest SoundTransit stop is approx. 7.9 miles away from the site.

- c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate?

There are three additional parking spaces proposed for the site. The proposal would not eliminate parking spaces.

- d. Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private).

Improvements to 48th Street SE to widen the existing entrance are proposed. These improvements will enhance circulation. 48th Street SE is a public road.

- e. Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

No.

- f. How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and nonpassenger vehicles). What data or transportation models were used to make these estimates?

No change in vehicle trips per day. Traffic pre-submittal conference determined with public works that no traffic analysis was required.

- g. Will the proposal interfere with, affect or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe.

No.

- h. Proposed measures to reduce or control transportation impacts, if any:

None proposed.

15. Public Services

- a. Would the project result in an increased need for public services (for example: fire protection, police protection, public transit, health care, schools, other)? If so, generally describe.

No.

- b. Proposed measures to reduce or control direct impacts on public services, if any.

None proposed.

16. Utilities

- a. Utilities currently available at the site:

Electricity, water, refuse service, telephone, septic system

- b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

Power - An upgrade and relocated power service will be constructed at the north side of the entrance near 48th Street SE. These power upgrades will serve the service needs of the ranger station, exterior lighting, and the fee stations. Construction activities include demolition of the

current on site transformer and power line, trenching, and electrical site and building work. Snohomish County PUD #1 will be providing the service.

Water – Relocation of the existing water main will occur to eliminate conflicts with the new ranger station. New meters, connections, and a fire hydrant will be installed. Construction activities include removal or abandonment of a portion of the current water main located within the project limits. Trenching, new water meter installation, connection to the existing mainline, and connection to the new building fixtures. Three Lakes Water District, Inc. will be providing the service.

Sewer – Connection to an existing sewer septic system will occur to service the sewer needs at the new ranger station. Spetic design has received approval from the Snohomish County Health District. Construction activities include trenching, installation of sewer lines, installation of septic vaults at the west end of the building, and connections to the building and existing septic systems. Snohomish County Health District will be inspecting the installation of the septic system.

C. Signature

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: _____

Name of signee: Tom Teigen

Position and Agency/Organization: Director, Snohomish County Department of Parks, Recreation & Tourism

Date Submitted: March 6, 2019